	Type	Hits	Search Text
1	BRS	1	10/605638
2	BRS	1	S1 and second near3 phas$2
3	BRS	1	10/605638
4	BRS	1	S3 and ((mirror$1 reflect$5) same surfac$2)
5	BRS	2	((reflect$4 mirror mirrored) near7 surface near9 ((array$3 adj1 waveguide adj1 grating$1) RAWG DAWG AWG waveguides)) same ((array$3 adj1 waveguide adj1 grating$1) RAWG DAWG AWG) same slab same waveguide$1
6	BRS	0	UZAKI and YASUMASA and slab and reflect$5
7	BRS	1	sUZAKI and YASUMASA and slab and reflect$5
8	BRS	2	sUZAKI and YASUMASA and awg$1 and reflect$5
9	BRS	9	((reflect$4 mirror mirrored) near9 surface near9 ((array$3 adj1 waveguide adj1 grating$1) RAWG DAWG AWG waveguides)) same ((array$3 adj1 waveguide adj1 grating$1) RAWG DAWG AWG) same waveguide$1
10	BRS	1477	((reflect$4 mirror mirrored) near9 surface same ((array$3 adj1 waveguide adj1 grating$1) RAWG DAWG AWG waveguides)) same waveguide$1
11	BRS	35	((reflect$4 mirror mirrored) near9 surface same ((array$3 adj1 waveguide adj1 grating$1) RAWG DAWG AWG)) same waveguide$1
12	BRS	26	S11 not S9
13	BRS	1806	(((reflect$4 near2 coat$5) mirror mirrored) near9 surface same ((array$3 adj1 waveguide adj1 grating$1) RAWG DAWG AWG waveguide$1))
14	BRS	517	((array$3 adj1 waveguide adj1 grating$1) RAWG DAWG AWG) same waveguides same slab

	DBs	Time Stamp	Comments	Error Definition
1	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 13:51		
2	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 13:39		
3	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 13:41		
4	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 13:43		
5	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 14:01		
6	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 13:59		
7	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 13:59		
8	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 14:00		
9	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 14:12		
10	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 14:14		
11	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:37		
12	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 14:14		
13	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:36		
14	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:48		

	Errors	Ref #
1		S1
2		S2
3		S3
4		S4
5		S5
6		S6
7		S7
8		S8
9		S9
10		S10
11		S11
12		S12
13		S13
14		S14

	Type	Hits	Search Text
15	BRS	64	S13 and S14
16	BRS	52	S15 not S11
17	BRS	50	S16 and multiplex$4 same demultiplex$4
18	BRS	5	S16 and multiplex$4 same demultiplex$4 same (mirror$1 reflect$5)
19	BRS	47	S16 not S18
20	BRS	39	S19 and (integrated$4 near5 circuit$4 chip$2 ic$1)
21	BRS	5	(((array$3 adj1 waveguide adj1 grating$1) RAWG DAWG AWG) same waveguides same ((reflect$4 near2 coat$5) mirror mirrored)).ab.
22	BRS	23	(((array$3 adj1 waveguide adj1 grating$1) RAWG DAWG AWG) same waveguides same ((reflect$4 near2 coat$5) mirror mirrored)) and slab and (multiplex$4 demultiplex$4) and (integrated$4 near5 circuit$4 chip$2 ic$1)
23	BRS	13	S22 not (S21 S19 S15 S12)
24	BRS	105	S22 S21 S19 S15 S12 S11 S9
25	BRS	10	("20040213582" "20040208417" "20030002772" "20020159701" "20020057875" "6892003" "6456760" "6278813" "6122419" "5546483").pn.
26	BRS	7	S25 and (active amplif$4)
27	BRS	7	S25 and (active amplif$4 gain$3)
28	BRS	7	S27 and (reflect$5 mirror$3)
29	BRS	4	("6278813" "5546483").pn.
30	BRS	2	("6278813" "5546483").pn.
31	BRS	2	"5546483".pn.

	DBs	Time Stamp	Comments	Error Definition
15	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:38		
16	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:39		
17	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:52		
18	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:45		
19	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:45		
20	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:53		
21	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:52		
22	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 16:09		
23	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 16:09		
24	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 16:10		
25	US-PGPUB; USPAT	2005/06/24 16:36		
26	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 16:35		
27	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 16:36		
28	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 17:55		
29	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:13		
30	US-PGPUB; USPAT	2005/06/23 17:28		
31	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 17:30		

	Errors	Ref #
15		S15
16		S16
17		S17
18		S18
19		S19
20		S20
21		S21
22		S22
23		S23
24		S24
25		S25
26		S26
27		S27
28		S28
29		S29
30		S30
31		S31

	Type	Hits	Search Text
32	BRS	1	"5546483".pn.
33	BRS	1	S32 and S28 and S27 and S22
34	BRS	2	S30 and (multiplex$4 same demultiplex$4)
35	BRS	2	S34 and ((integrat$5 near7 circuit$4) IC$1 chip$1) and substra$4
36	BRS	2	S30 and (input$4 output$4) same channel$4
37	BRS	2	("6278813").pn.
38	BRS	1	S37 and (spac$4 near14 ("'0.25'" "'0.4'" "'0.8'" "'1.6'" '4' '5' 'nm'))
39	BRS	2	S37 and (channel$3 same (frequenc$4 ghz))
40	BRS	1	S37 and (active laser$1 diode$1 VCSELS detect$4 modulat$4 receiver transceiver$1 transponder$1)
41	BRS	1	S37 and (active laser$1 diode$1 VCSELS detect$4 modulat$4 receiver transceiv$4 transpond$4)
42	BRS	1	S37 and (active laser$1 diode$1 VCSELS detect$4 modulat$4 receiver transceiv$4 transpond$4 amplif$5)
43	BRS	2	S37 and (substrat$1 ic$1 integrat$5 chip$1)
44	BRS	2	S37 and (substrat$1 IC$1 integrat$5 chip$1) and (circulat$5 device$1 units transmit$4 receiv$4 sourc$2 ld$1 detect$4)
45	BRS	2	S37 and (substrat$1 IC$1 integrat$5 chip$1) and (circulat$5 device$1 units transmit$4 receiv$4 sourc$2 ld$1 detect$4 amplif$5)
46	BRS	2	S37 and (substrat$1 IC$1 integrat$5 chip$1) and (circulat$5 device$1 units transmit$4 receiv$4 sourc$2 ld$1 detect$4 amplif$5 photodetect$5 laser$3)
47	BRS	2	"5546483".pn.

	DBs	Time Stamp	Comments	Error Definition
32	US-PGPUB; USPAT	2005/06/23 17:30		
33	US-PGPUB; USPAT	2005/06/23 17:32		
34	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 18:31		
35	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 19:20		
36	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 19:20		
37	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:13		
38	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:29		
39	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:52		
40	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:54		
41	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:56		
42	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:59		
43	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 12:18		
44	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 12:23		
45	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 12:27		
46	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 13:00		
47	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 13:00		

	Errors	Ref #
32		S32
33		S33
34		S34
35		S35
36		S36
37		S37
38		S38
39		S39
40		S40
41		S41
42		S42
43		S43
44		S44
45		S45
46		S46
47		S47

	Type	Hits	Search Text
48	BRS	1	S47 and (photonic$1)
49	BRS	1	10/605638
50	BRS	1	S49 and (modulat$4)
51	BRS	1	"5546483".pn.
52	BRS	2	("6278813").pn.

	DBs	Time Stamp	Comments	Error Definition
48	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 13:00		
49	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 13:51		
50	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 13:51		
51	US-PGPUB; USPAT	2005/06/24 15:52		
52	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 15:52		

	Errors	Ref #
48		S48
49		S49
50		S50
51		S51
52		S52